

1     **Docket: EL-1**

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4                   **IMPROVED WETSUIT AND WETSUIT FABRIC**

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7                   **ABSTRACT OF THE DISCLOSURE**

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10           A wetsuit and wetsuit fabric made of a multi-layer laminated fabric material  
11   having a plurality of interconnected air channels formed between the fabric layers. The  
12   air channels are formed by unattached regions between fabric layers that are otherwise  
13   attached such as by gluing. The unattached regions are free to separate from each  
14   other and expand in response to pressure from a gas such as air under pressure. The  
15   air is preferably introduced through a valve such as by the wearer blowing air into the  
16   valve to fill the air channels thereby expanding these "unglued" regions. In a preferred  
17   embodiment, the air channels are selectively shaped to form a plurality of adjacent  
18   cells, thereby adding to the aesthetic appearance of the wetsuit fabric. These cells may  
19   be virtually any shape depending simply on the path chosen for the air channels. The  
20   fabric employing expandable air channels may be employed at virtually any location in  
21   a wetsuit as well as in accessories such as gloves, boots and hoods.  
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